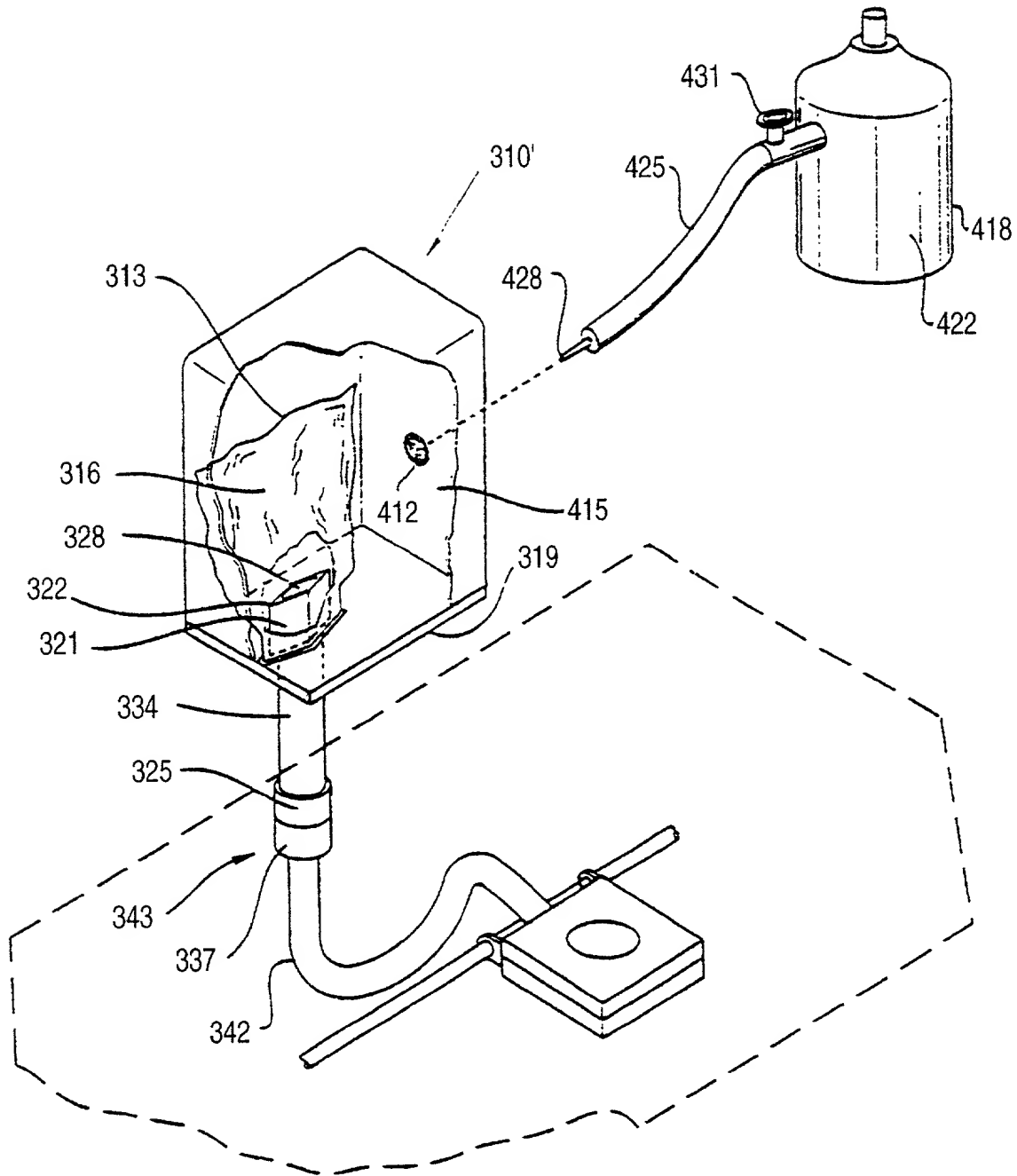
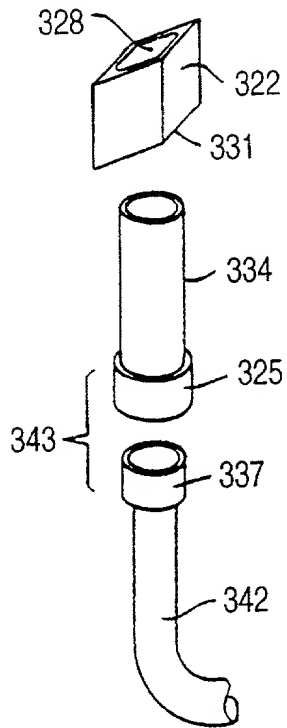


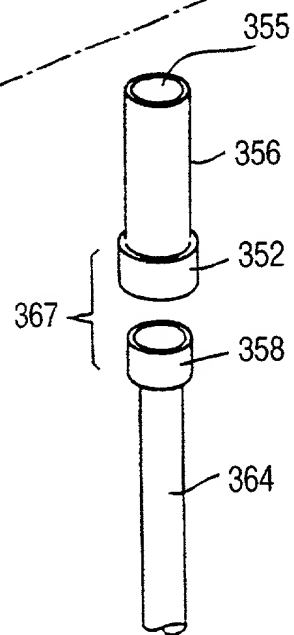
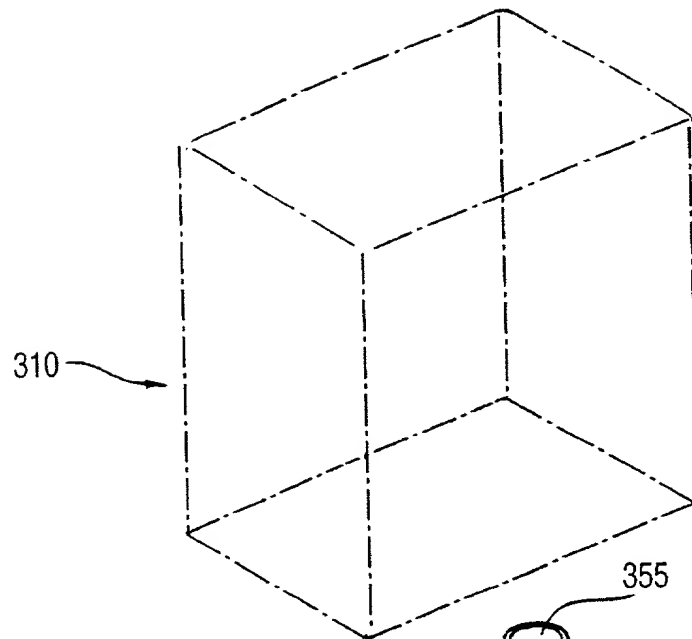
FIG. 1A



**FIG. 1B**



**FIG. 2A**



**FIG. 2B**

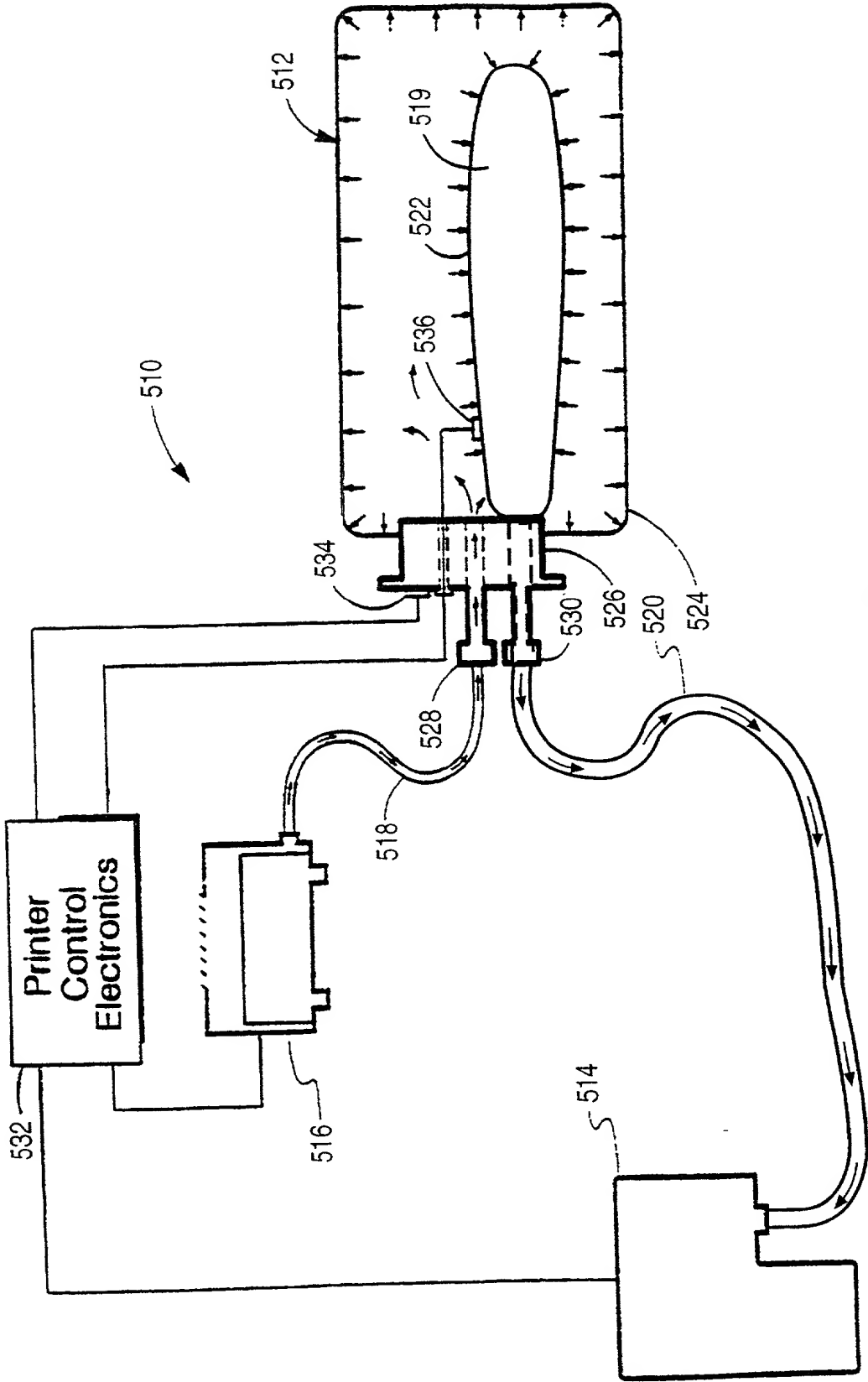
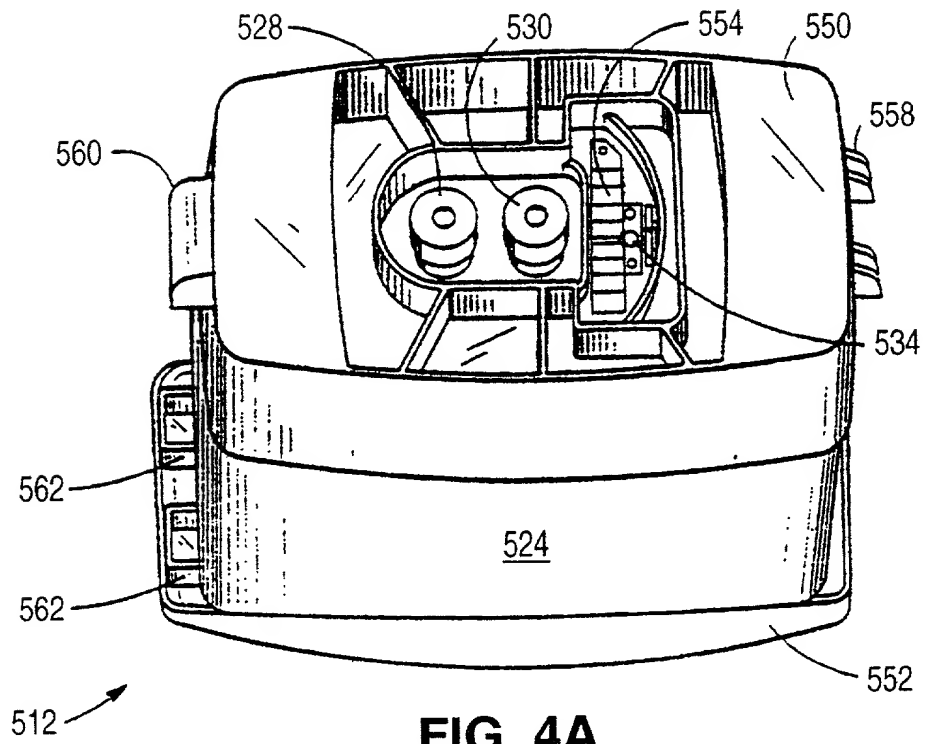
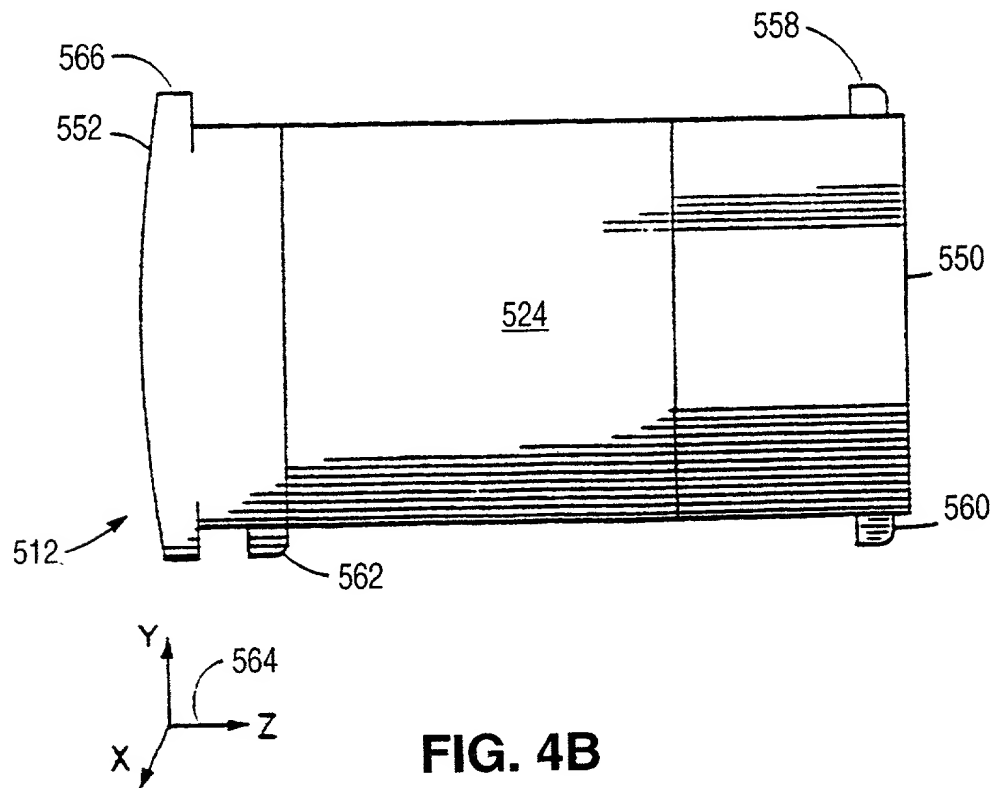


FIG. 3



**FIG. 4A**



**FIG. 4B**

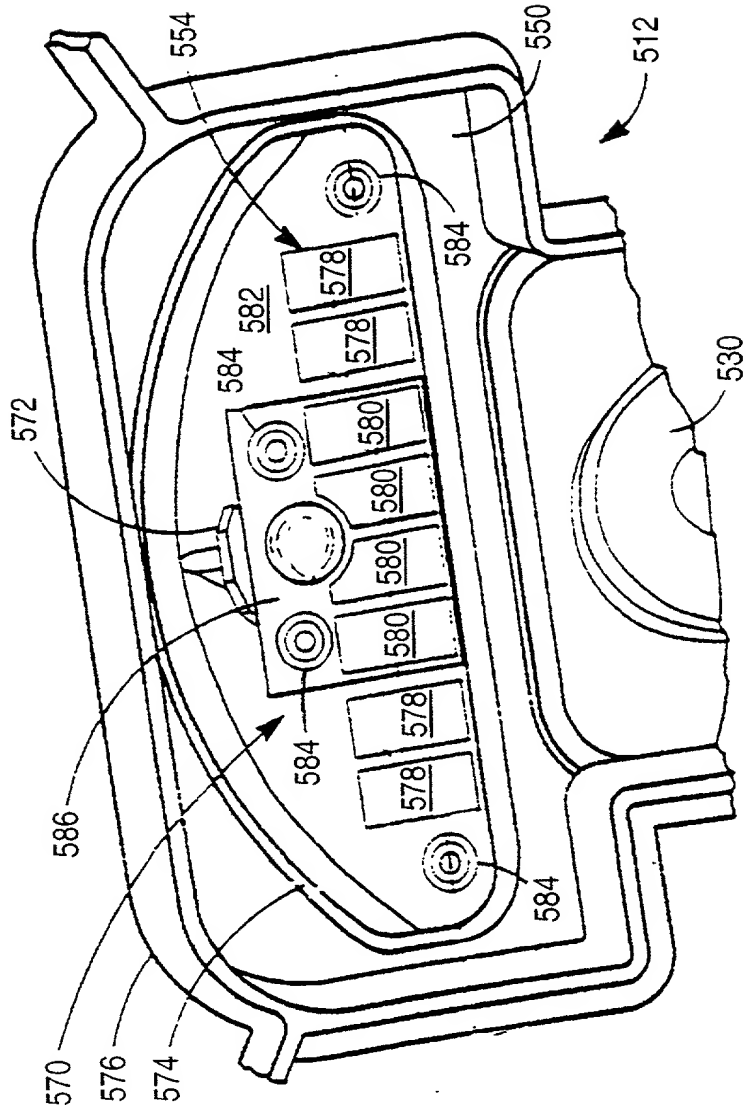
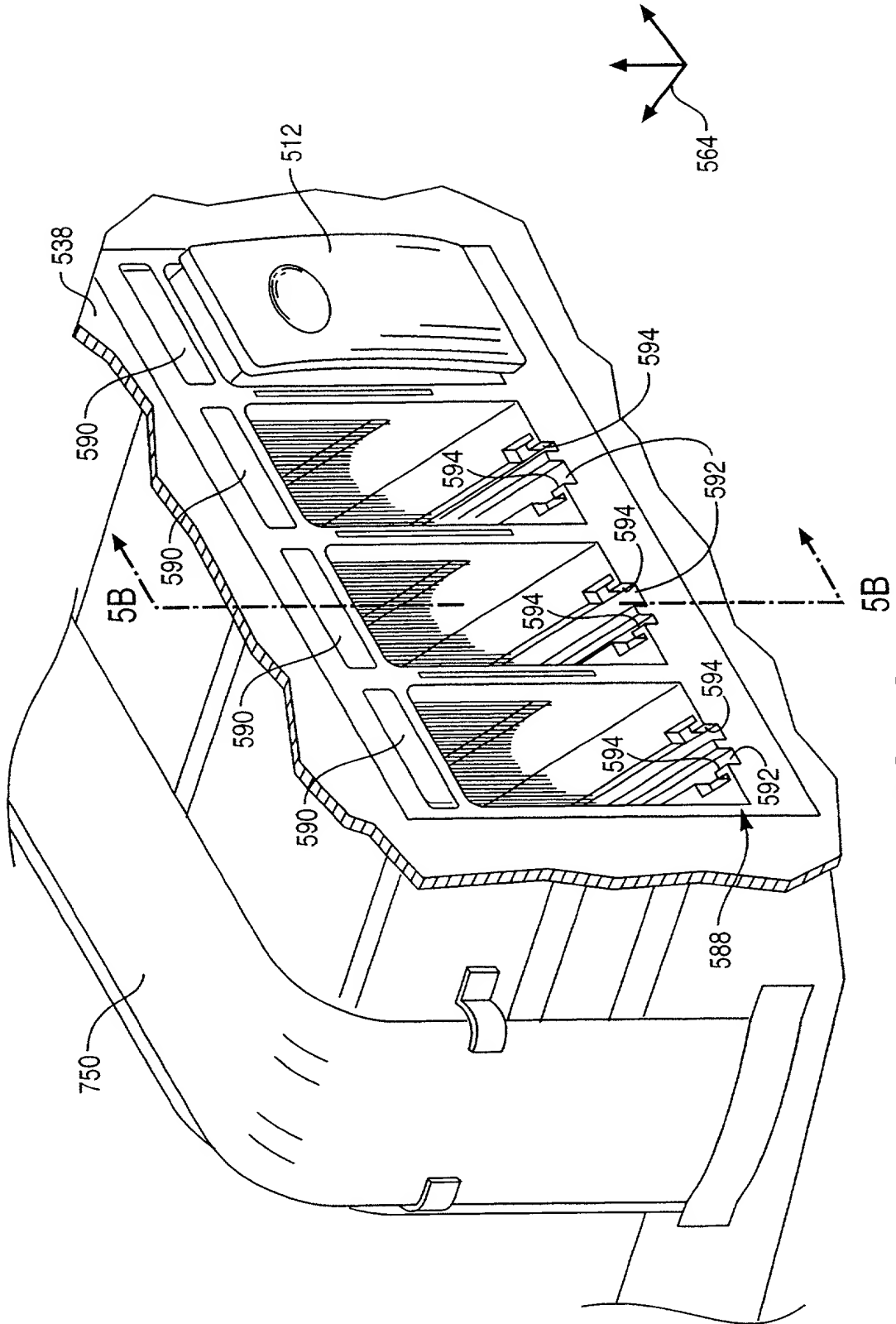
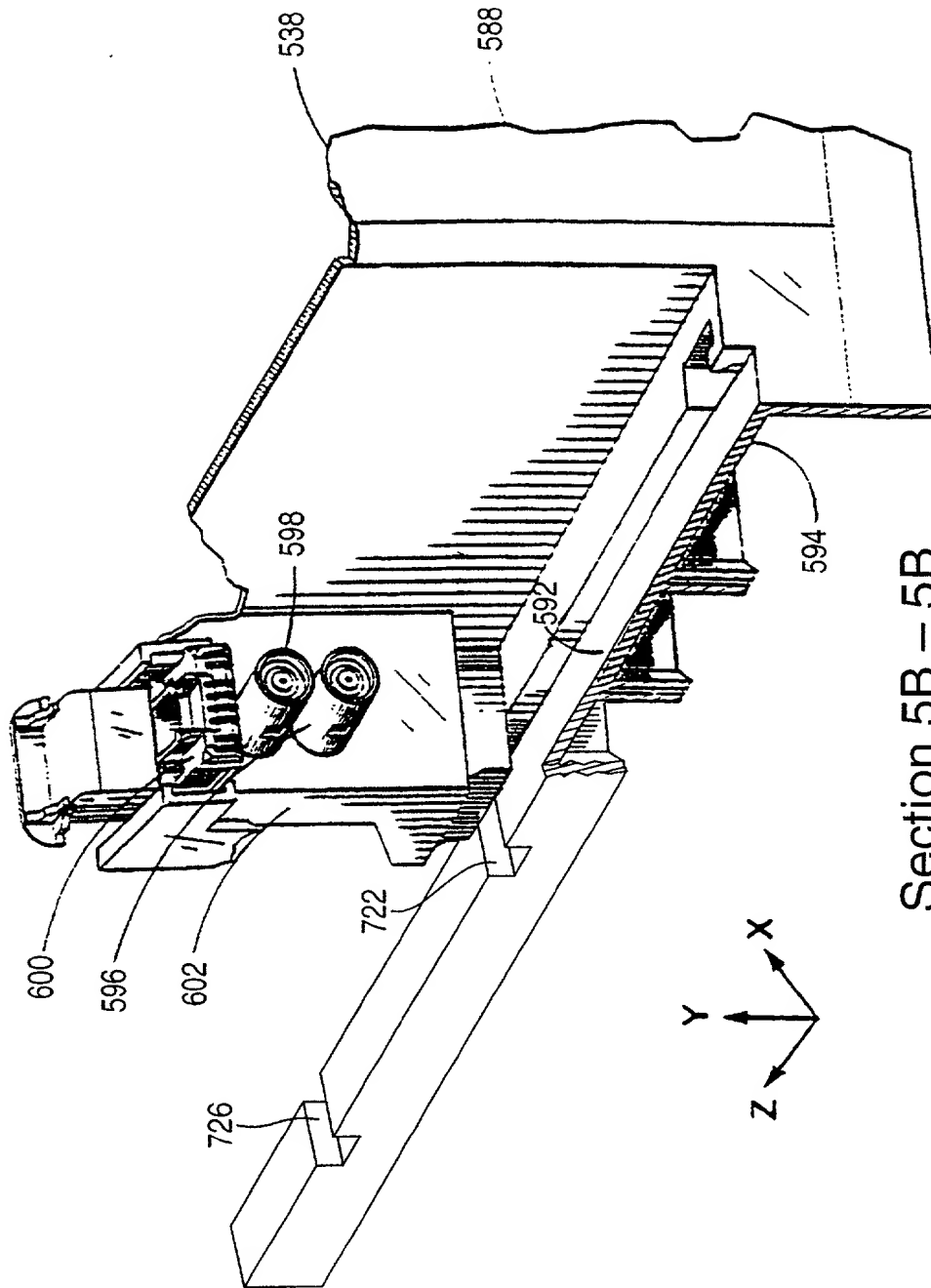


FIG. 4C



**FIG. 5A**



Section 5B - 5B

**FIG. 5B**



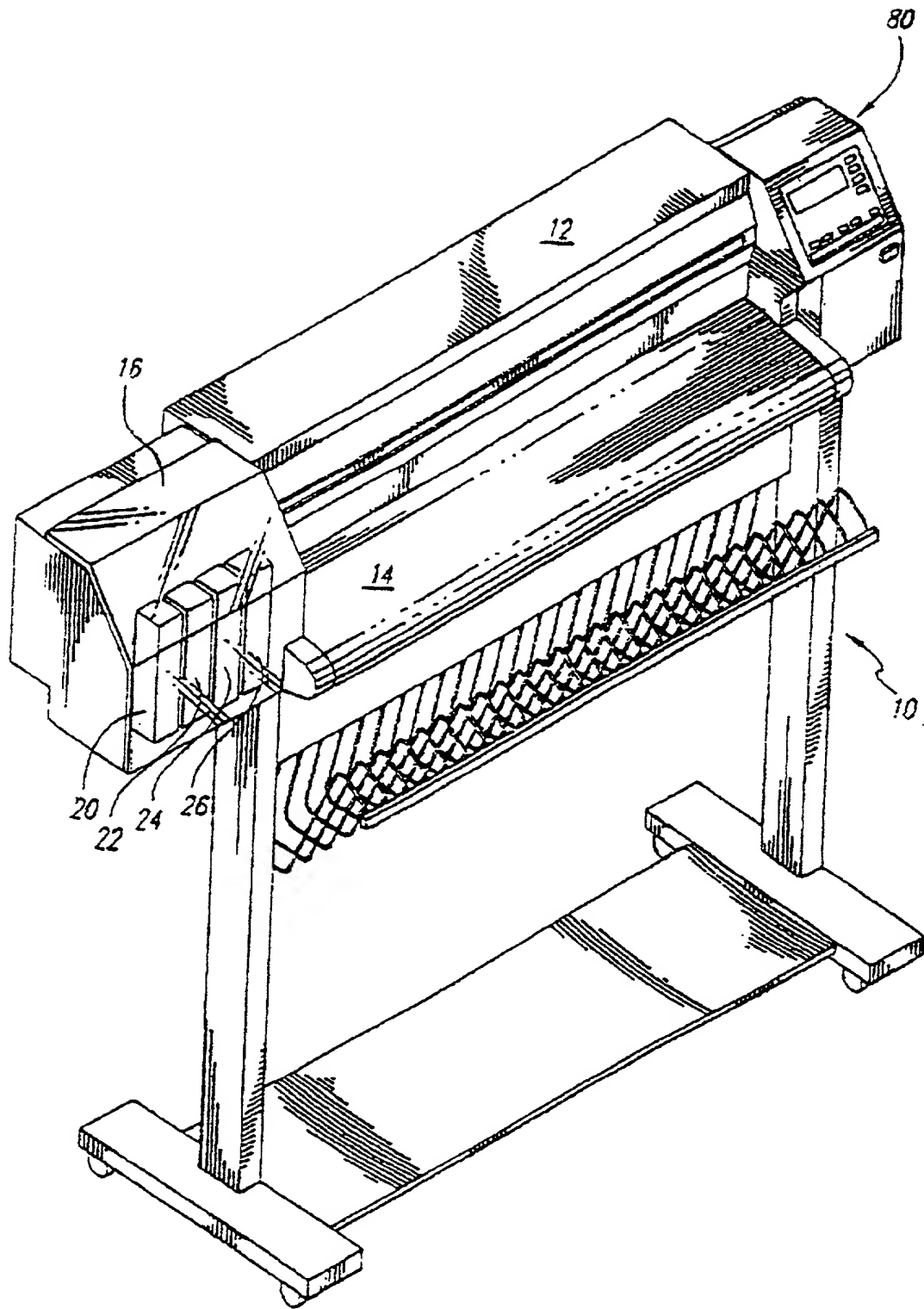


FIG. 6A

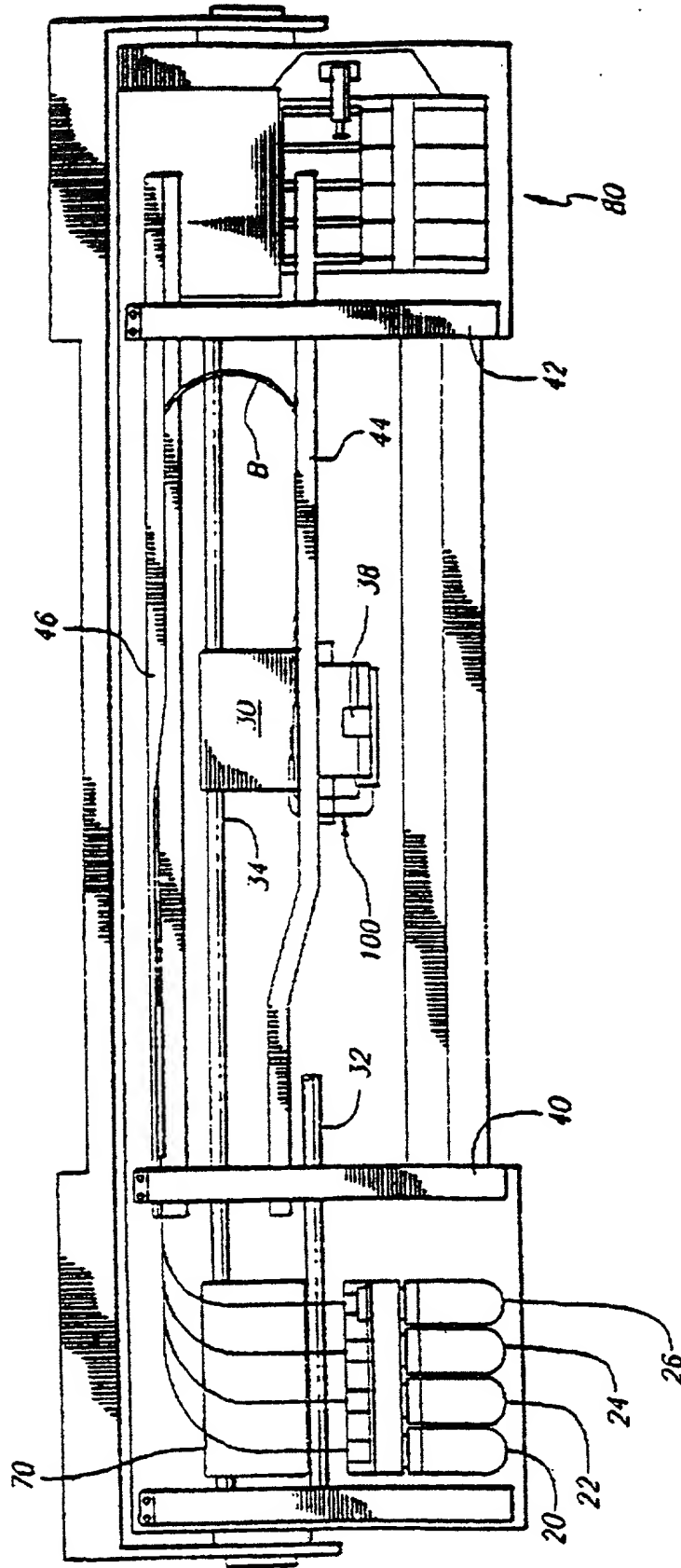


FIG. 6B

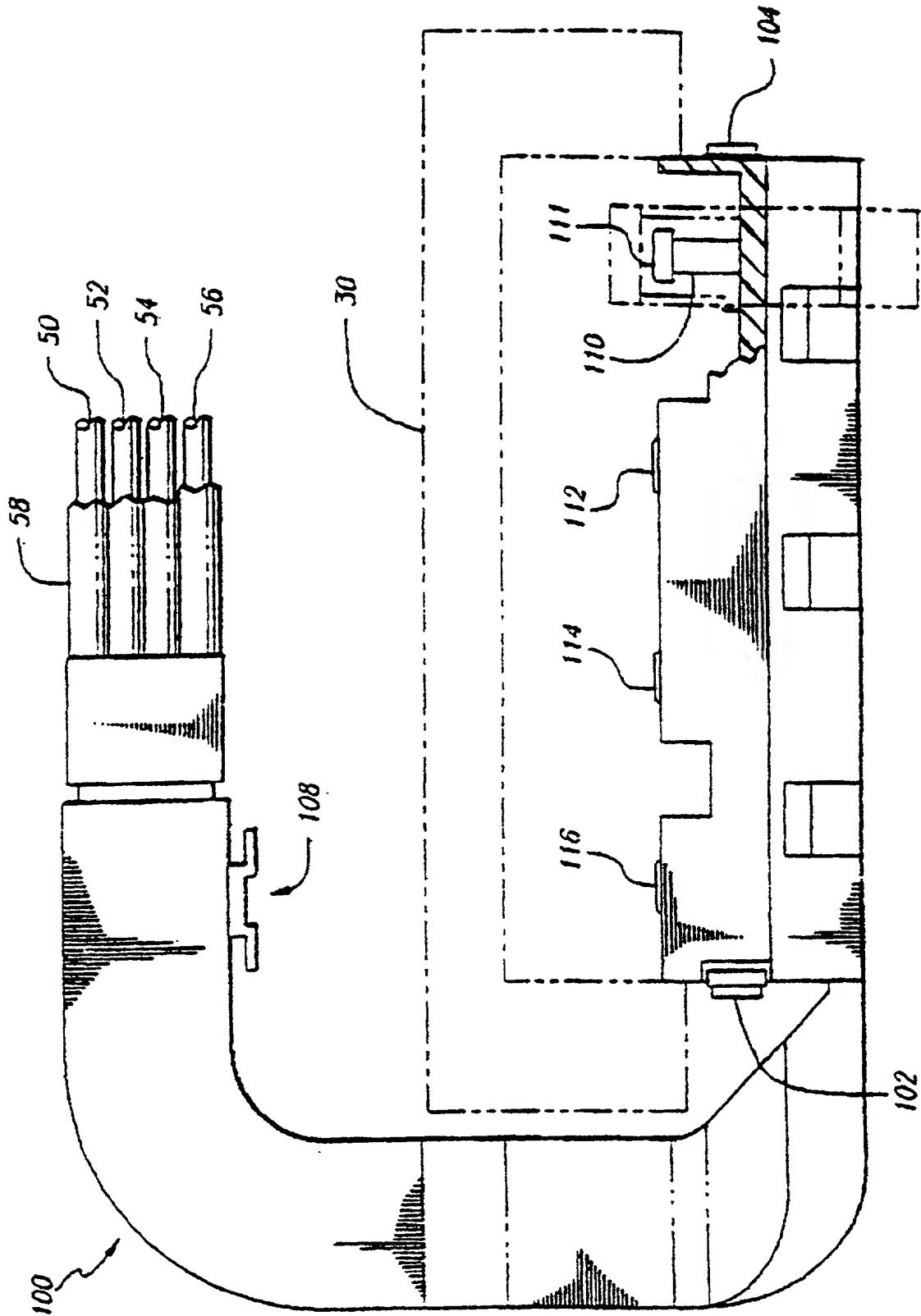


FIG. 7A

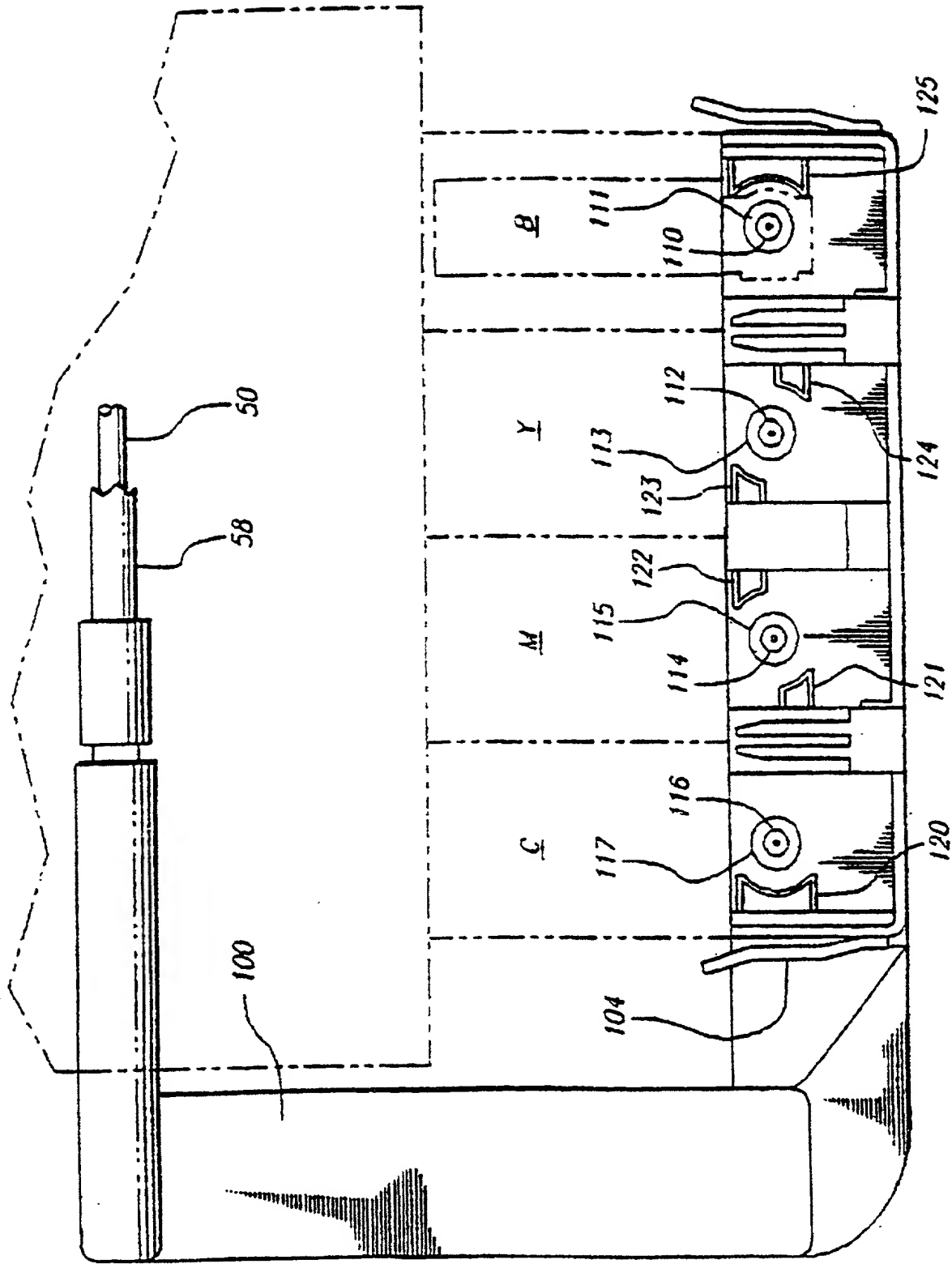


FIG. 7B

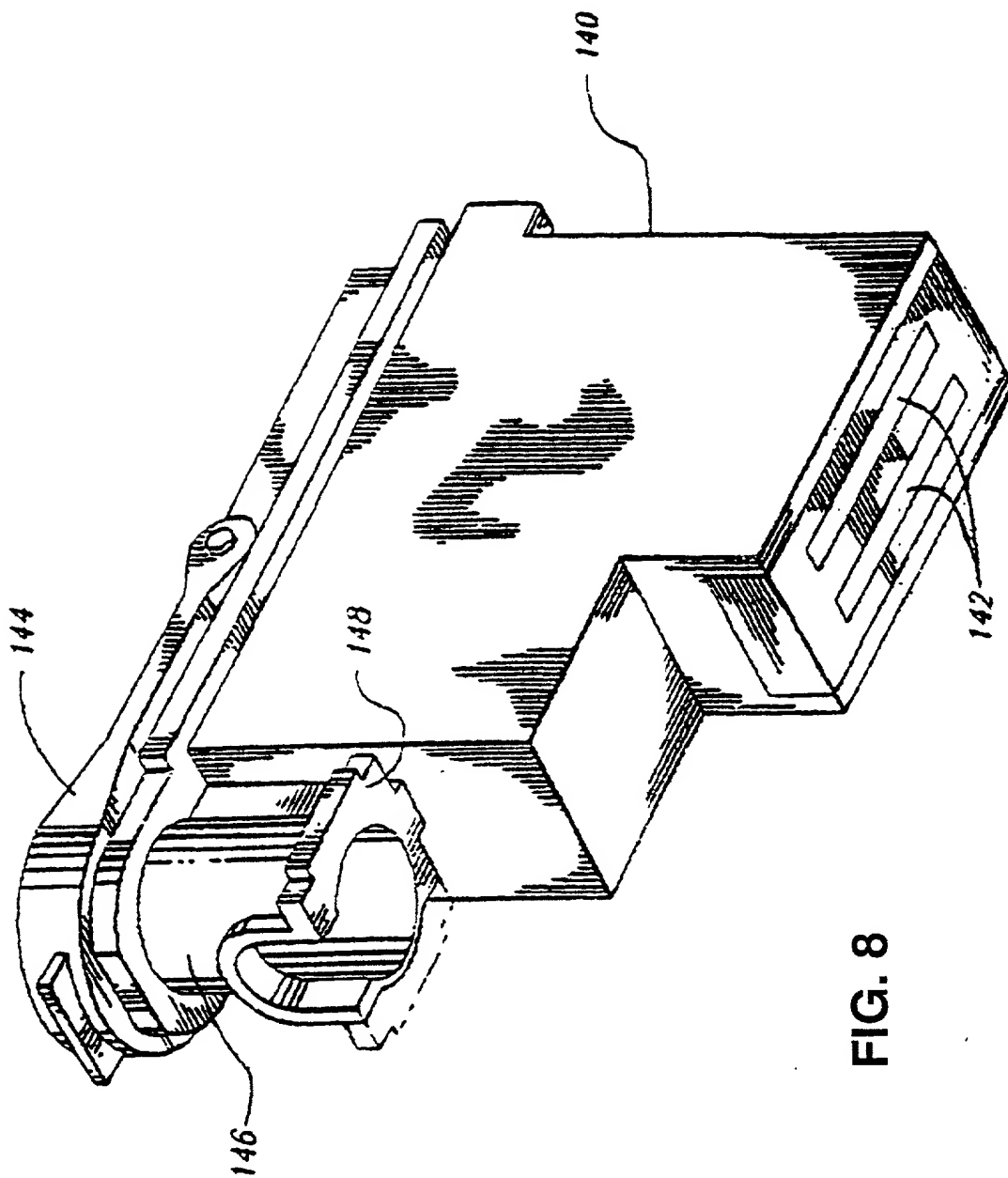


FIG. 8

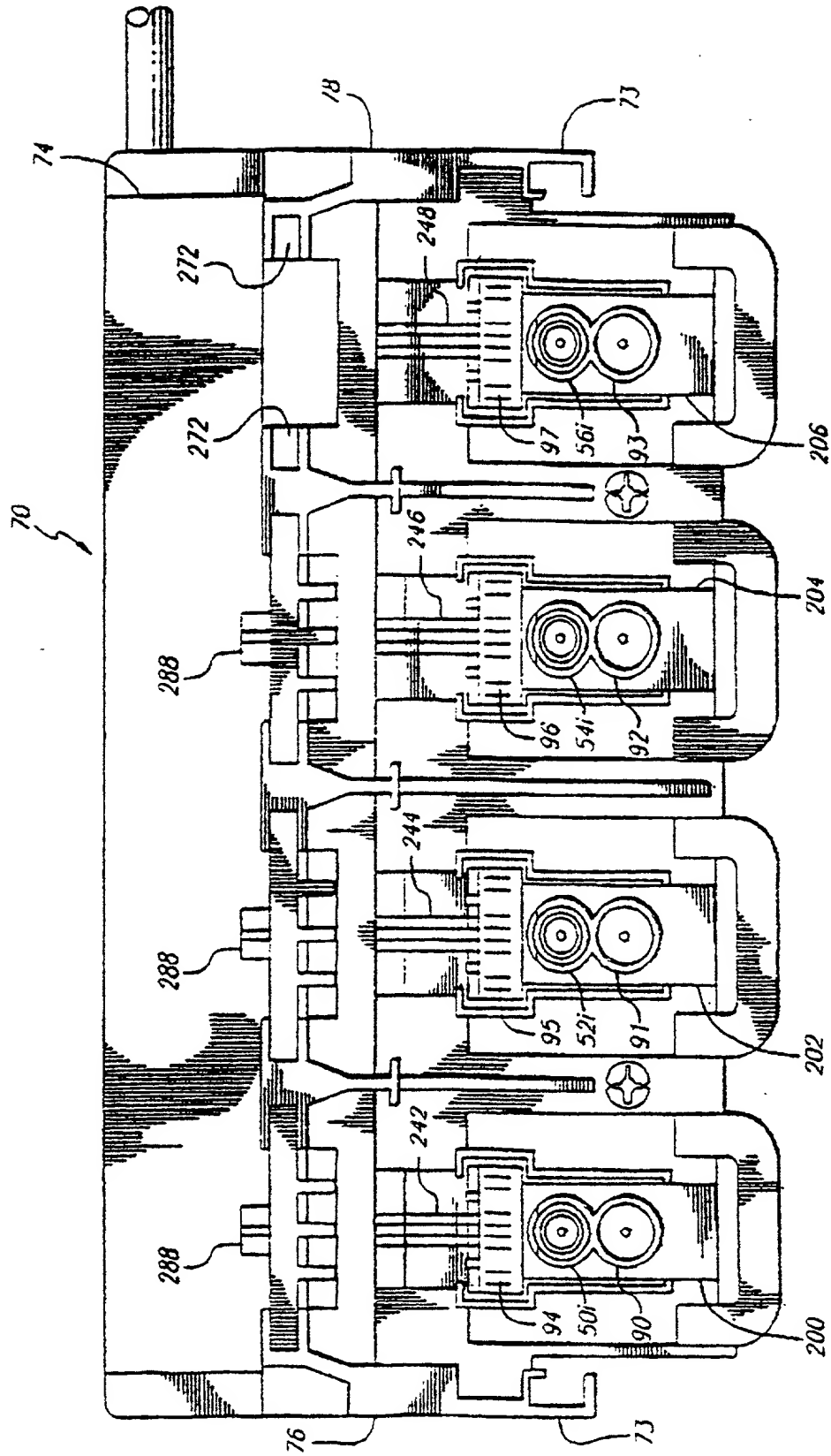


FIG. 9

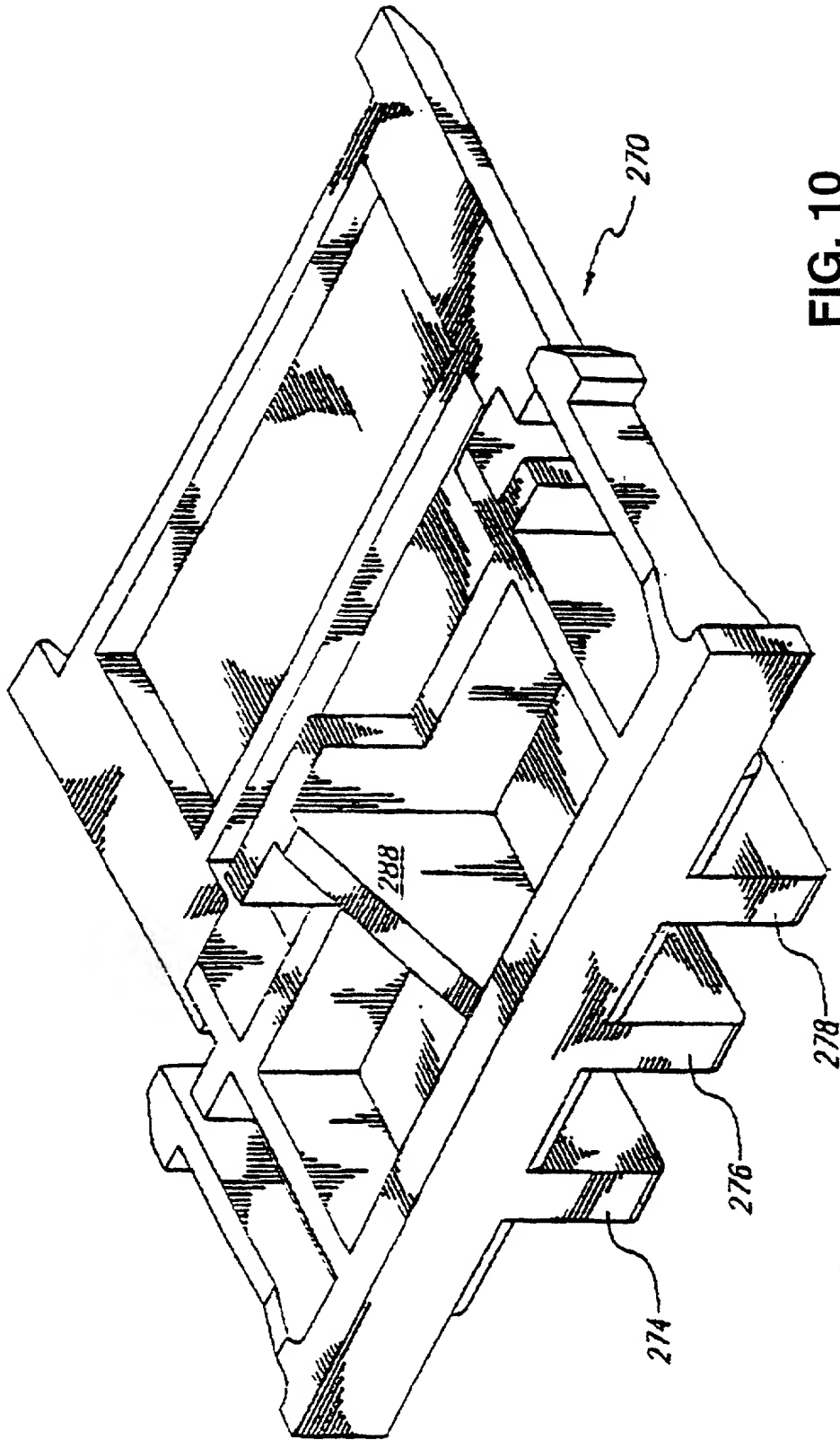
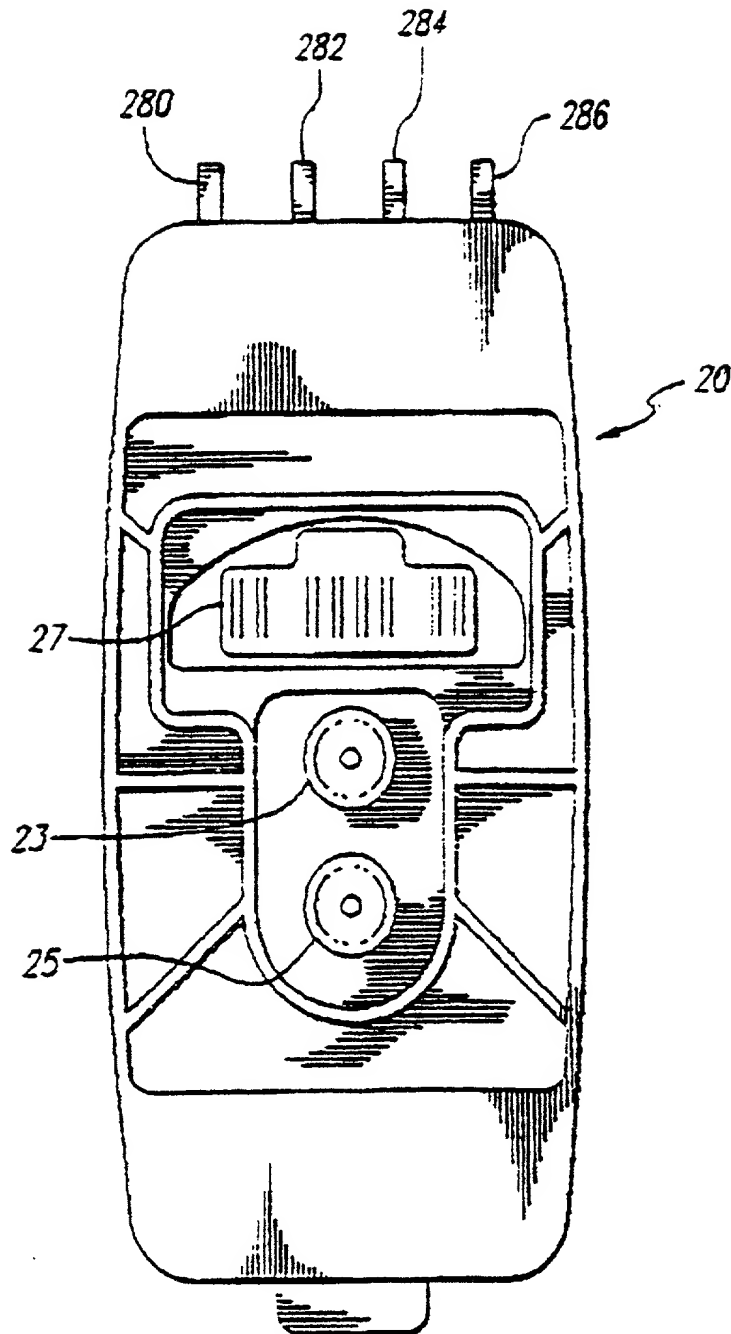


FIG. 10



**FIG. 11**



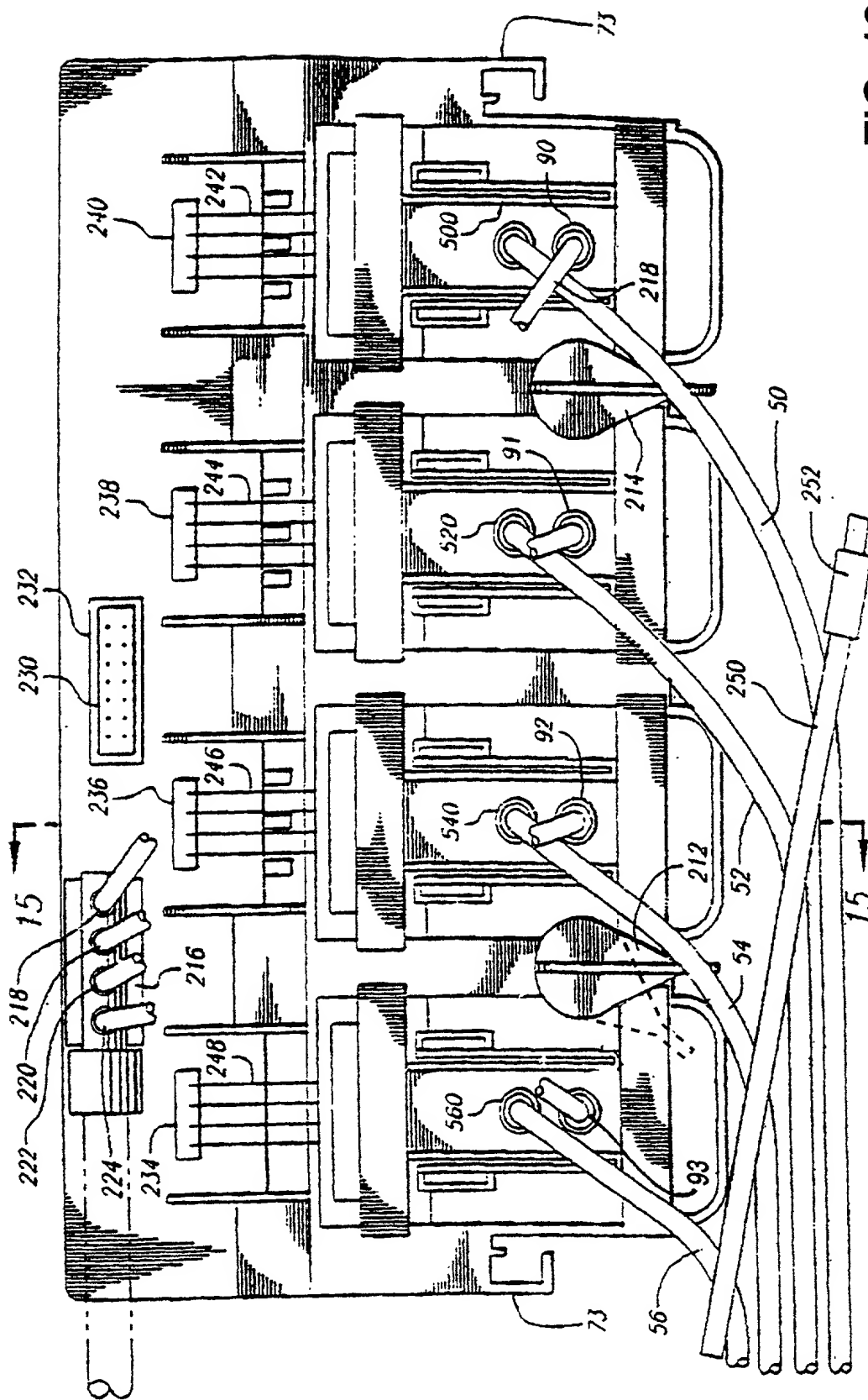
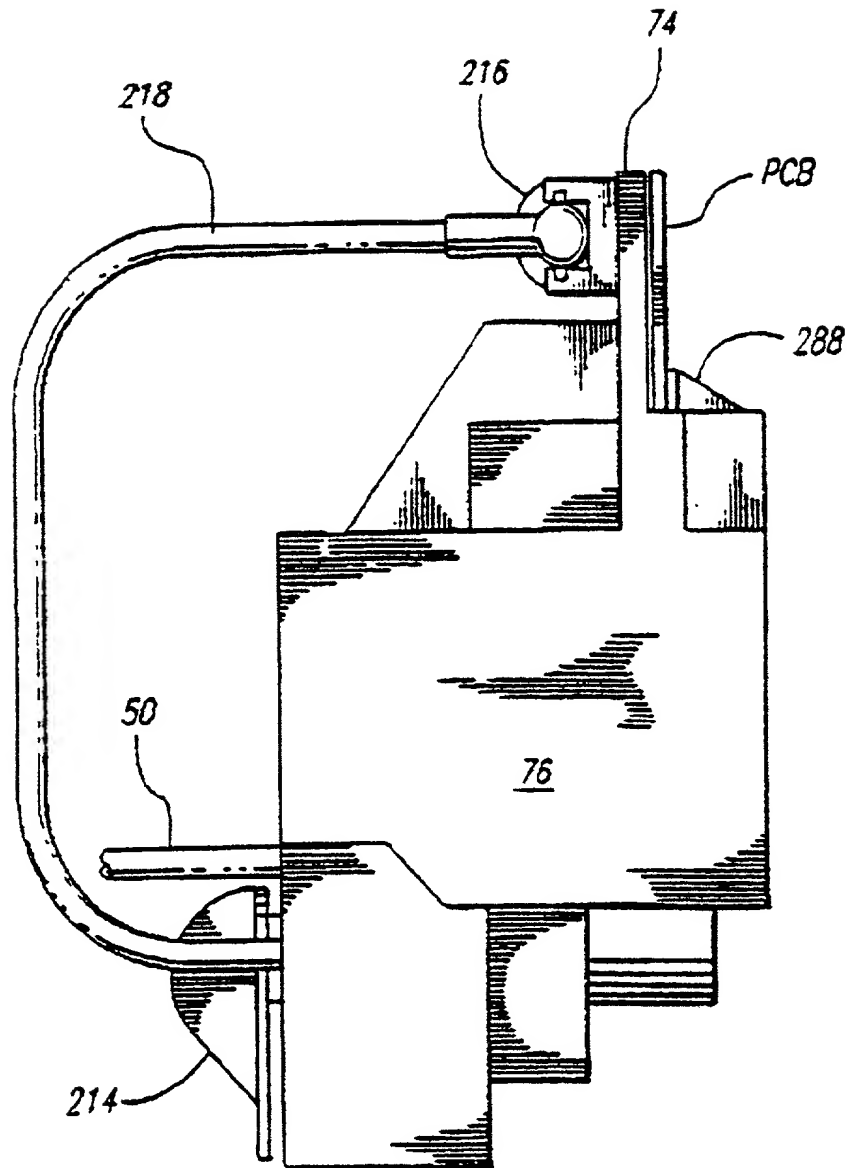


FIG. 12



**FIG. 13**



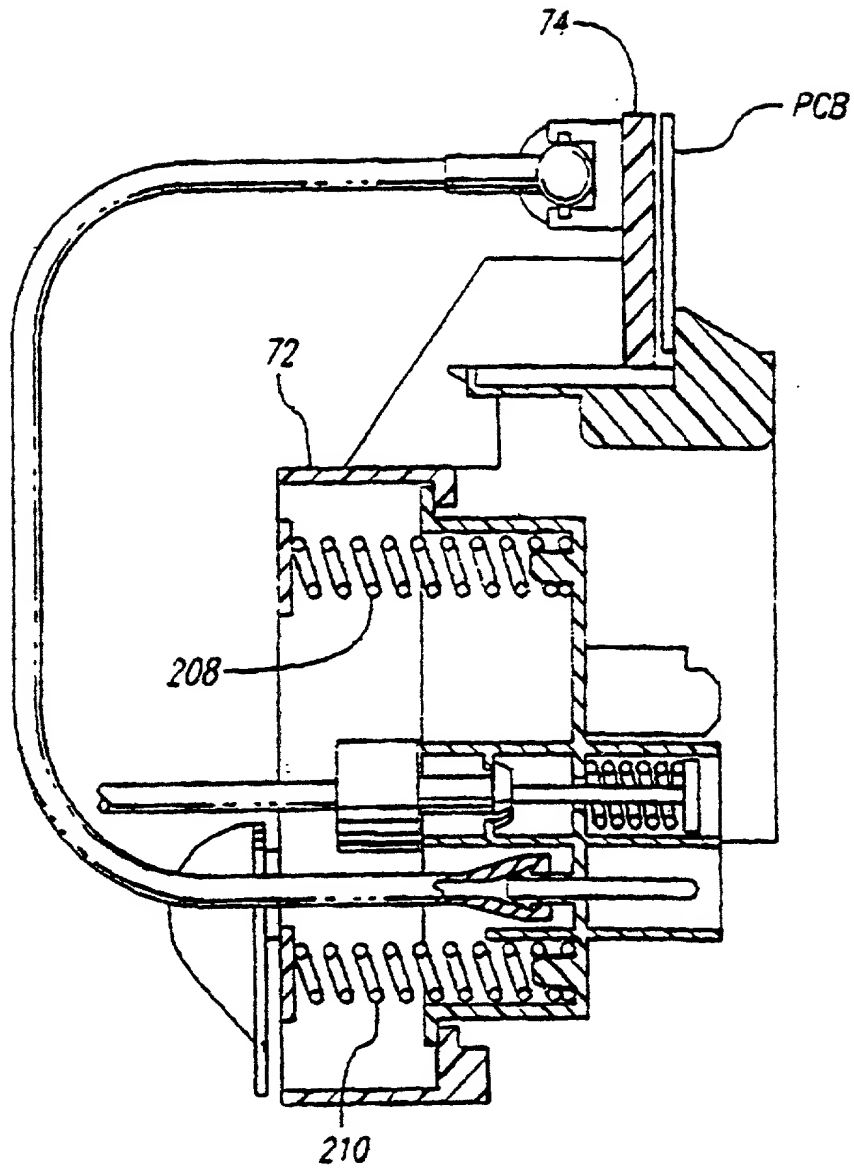
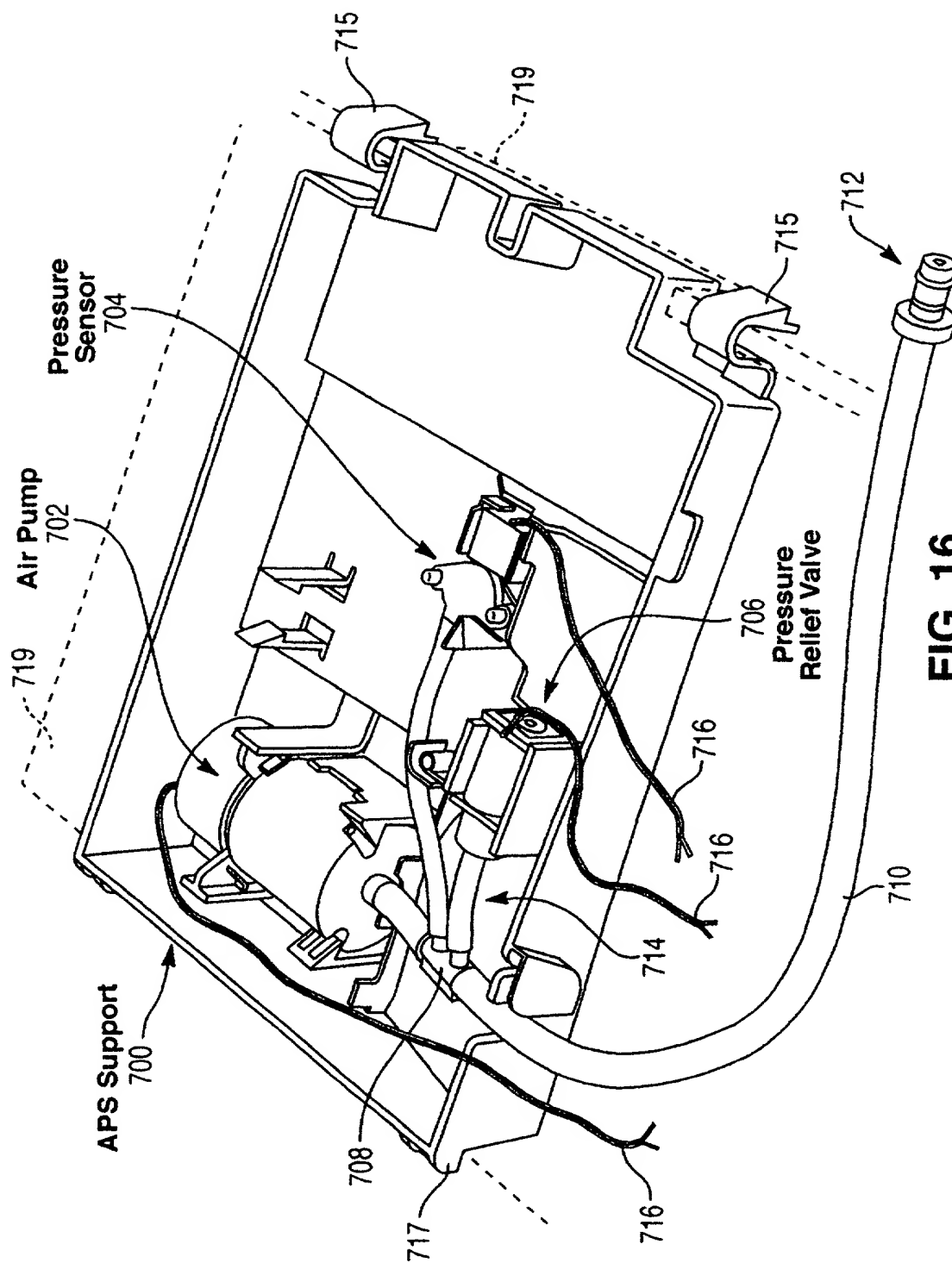
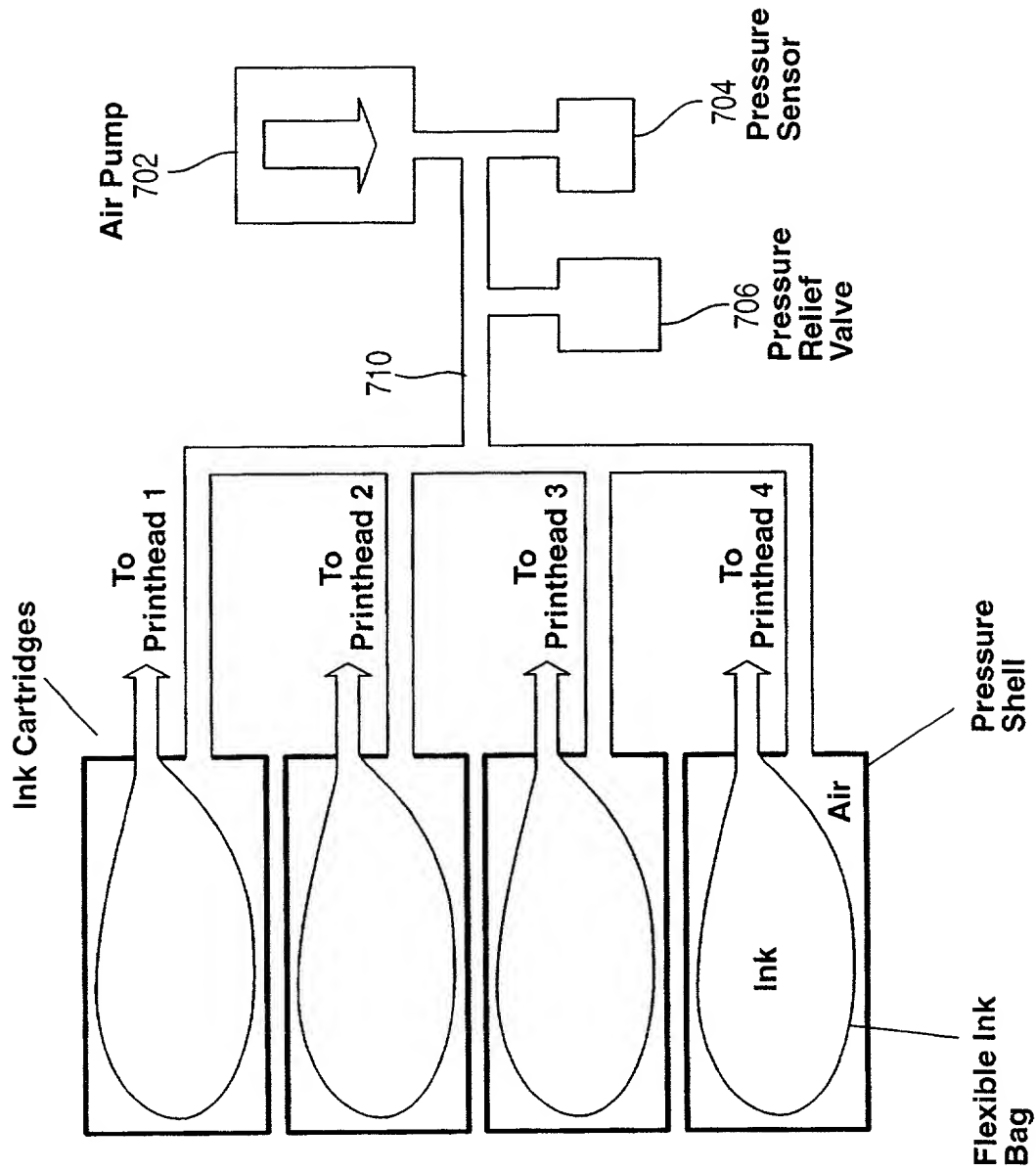


FIG. 15



**FIG. 16**



**FIG. 17**

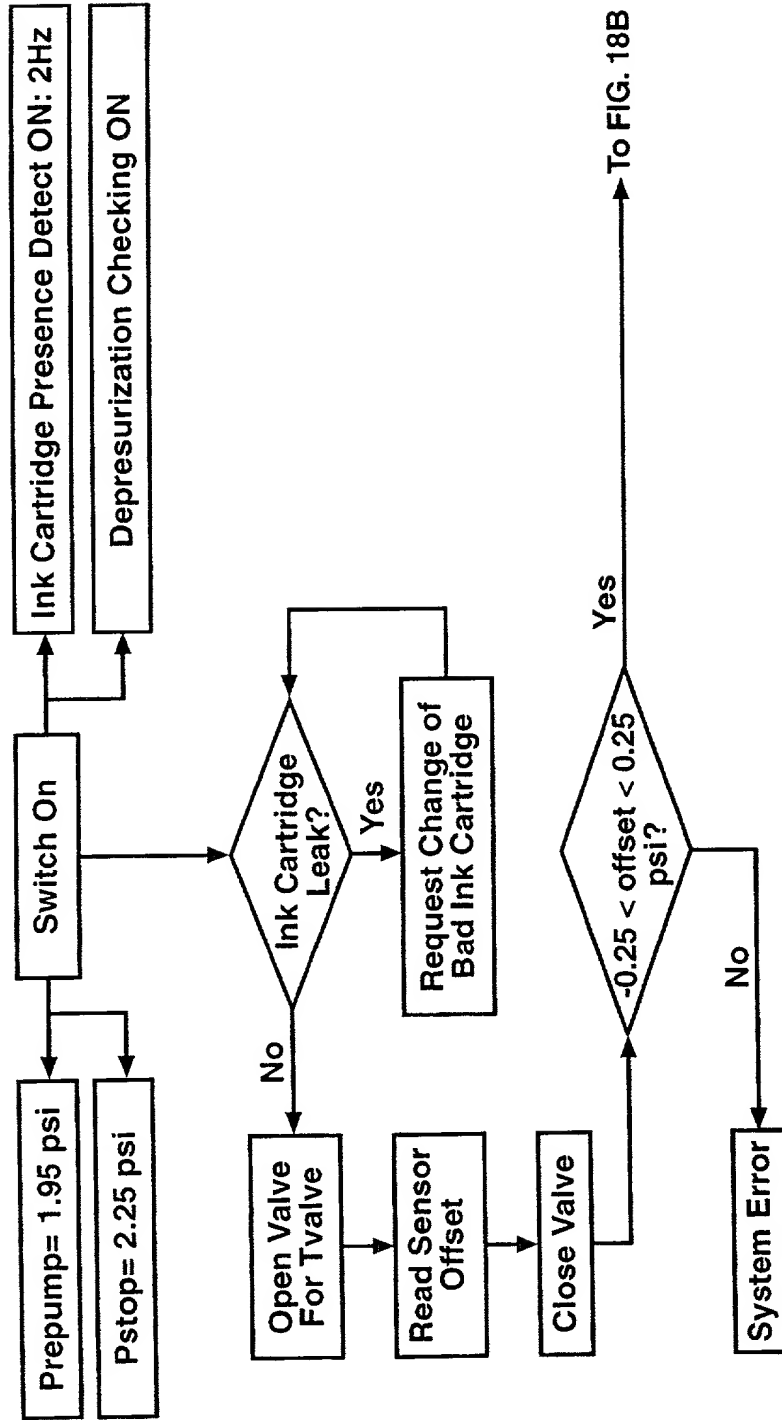


FIG. 18A

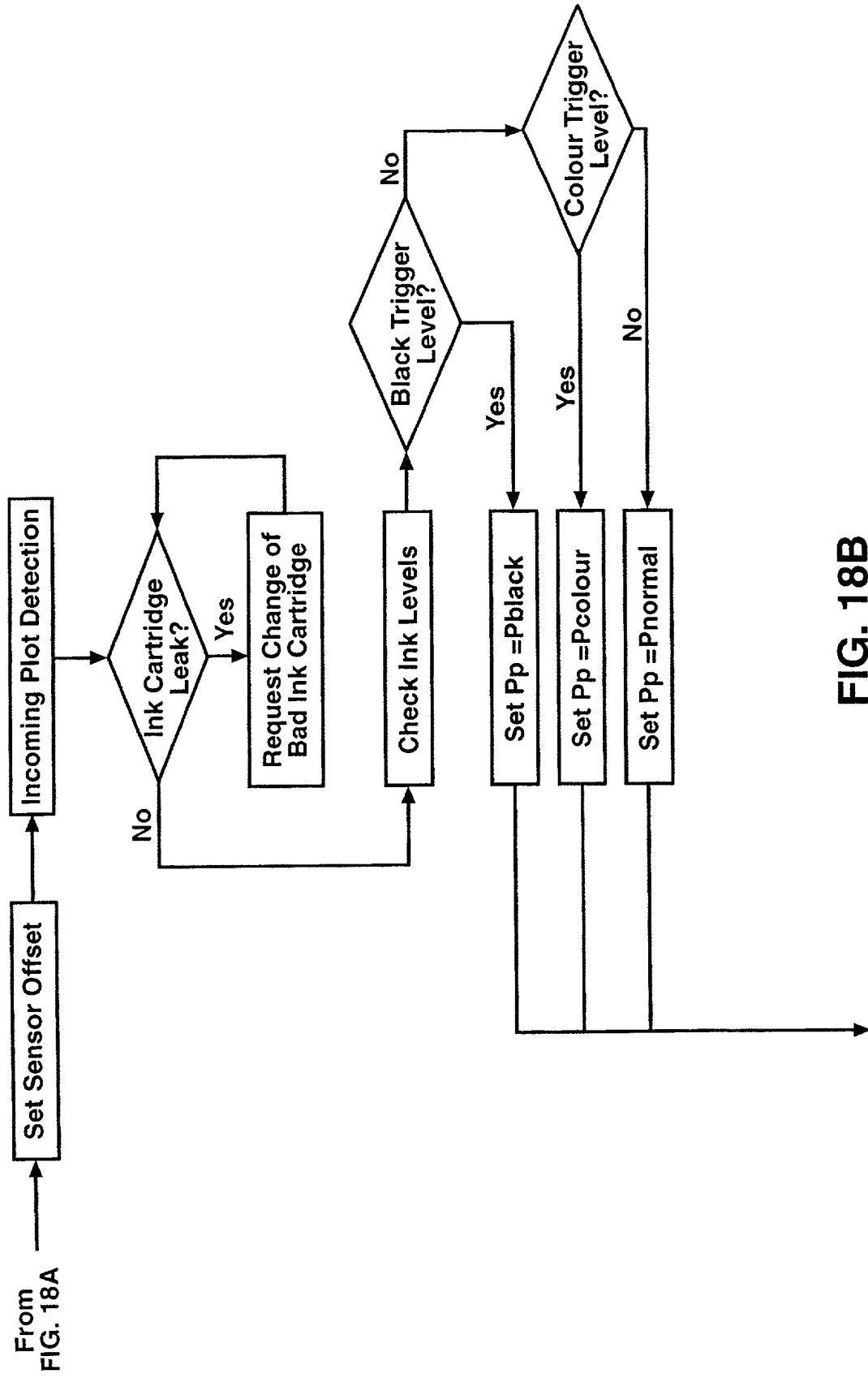
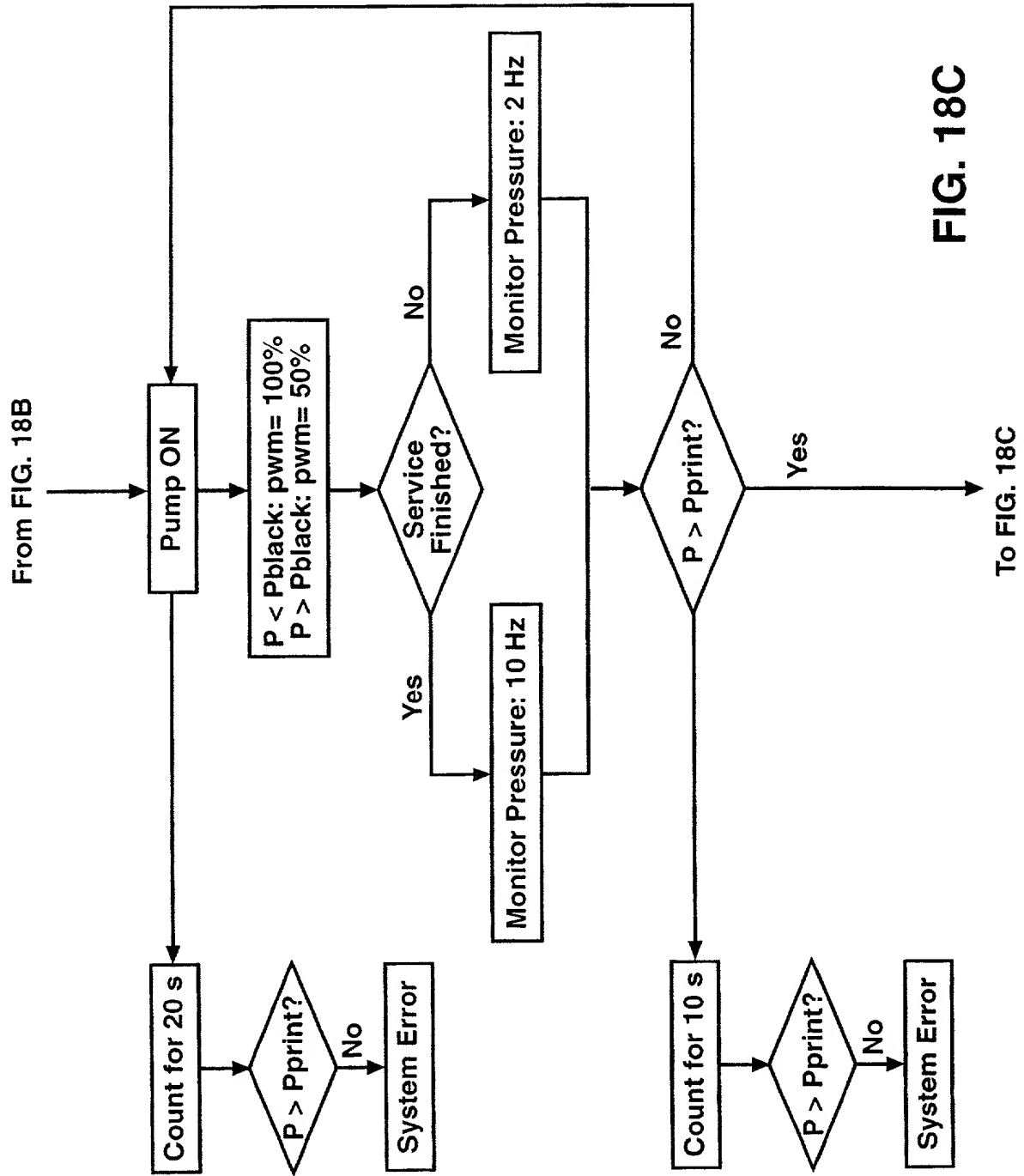
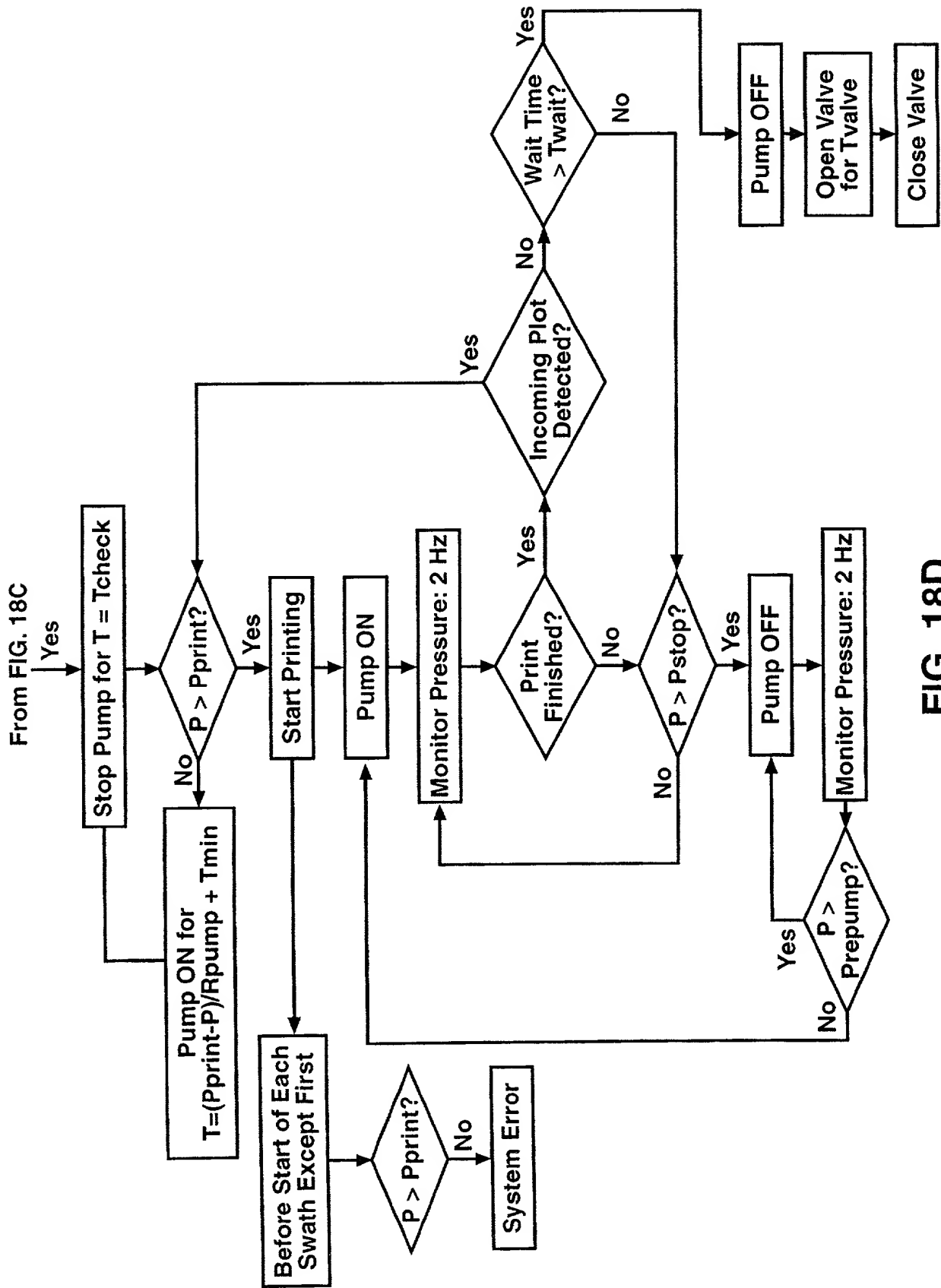


FIG. 18B







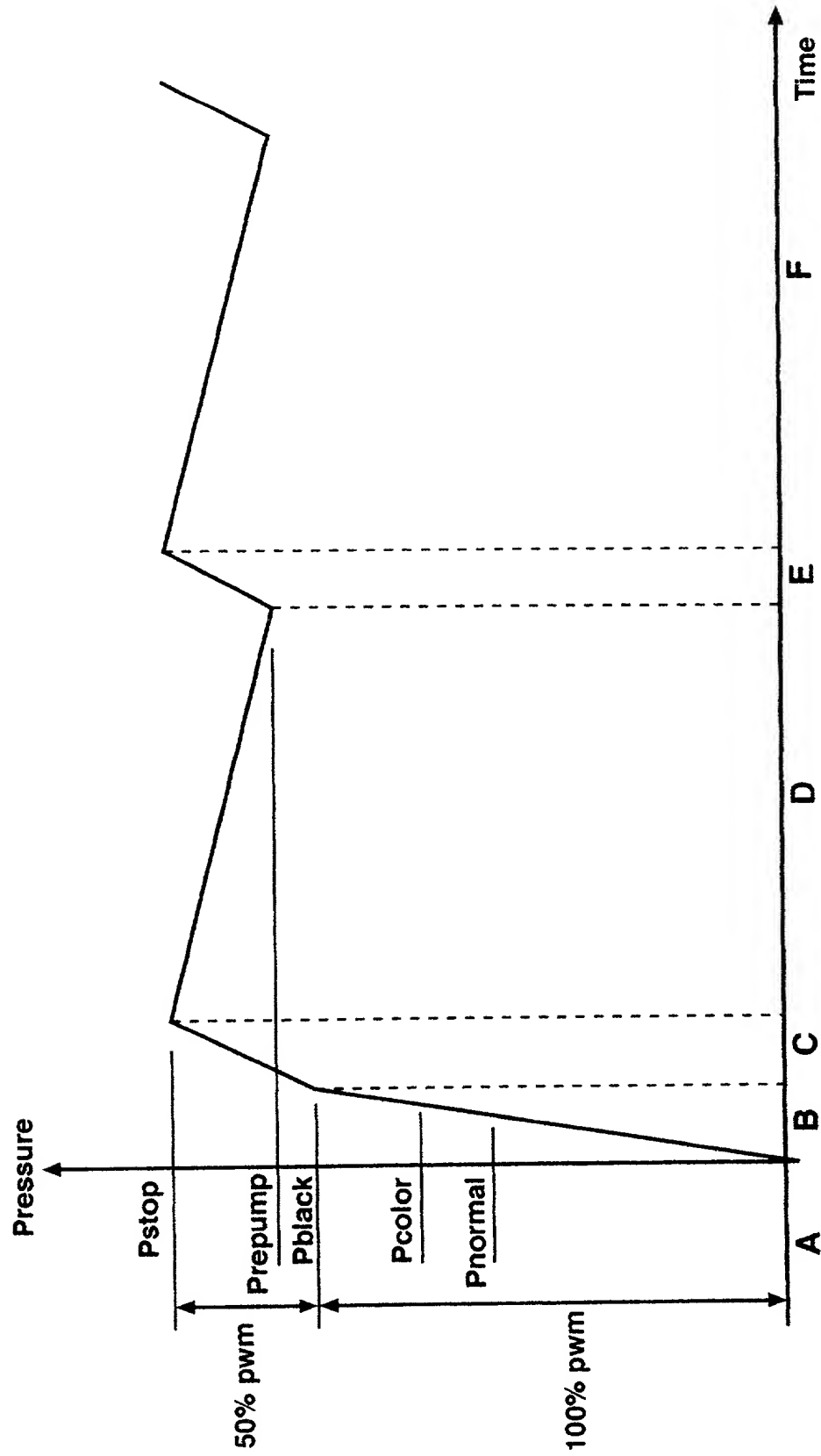
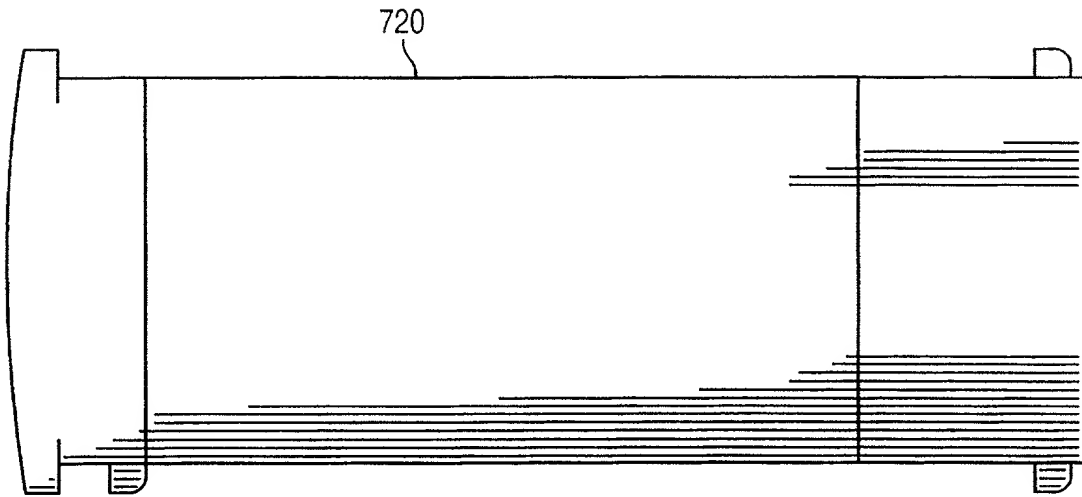
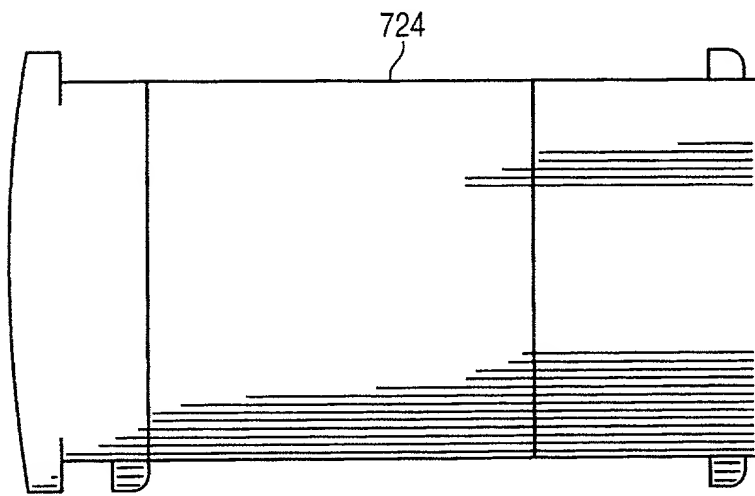


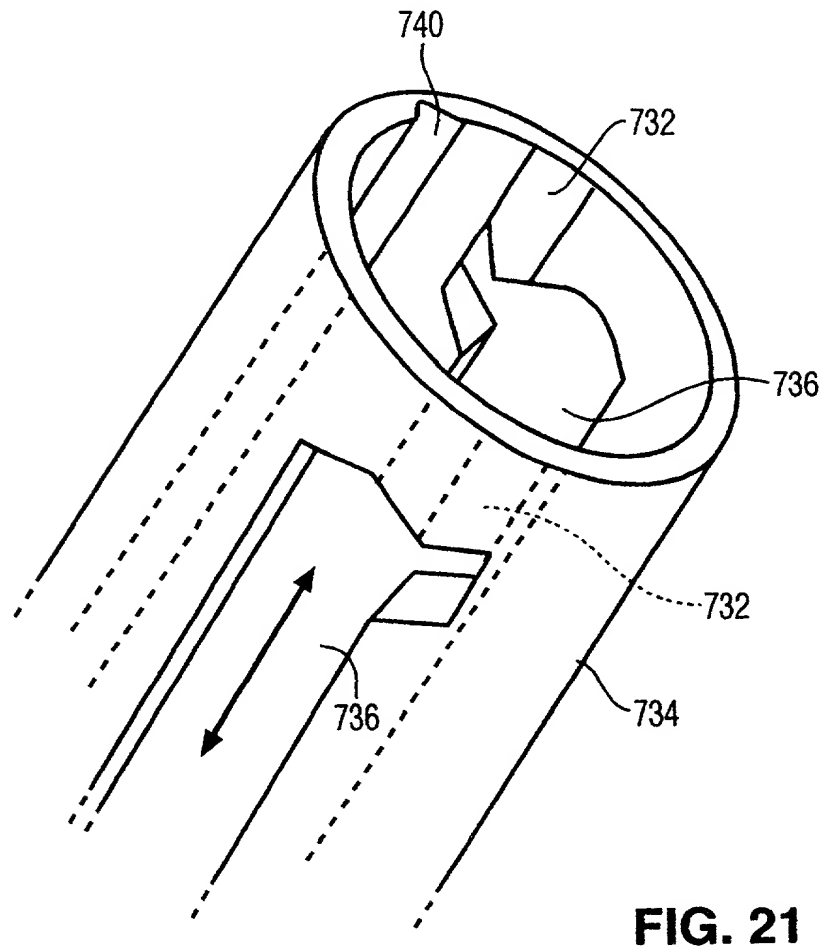
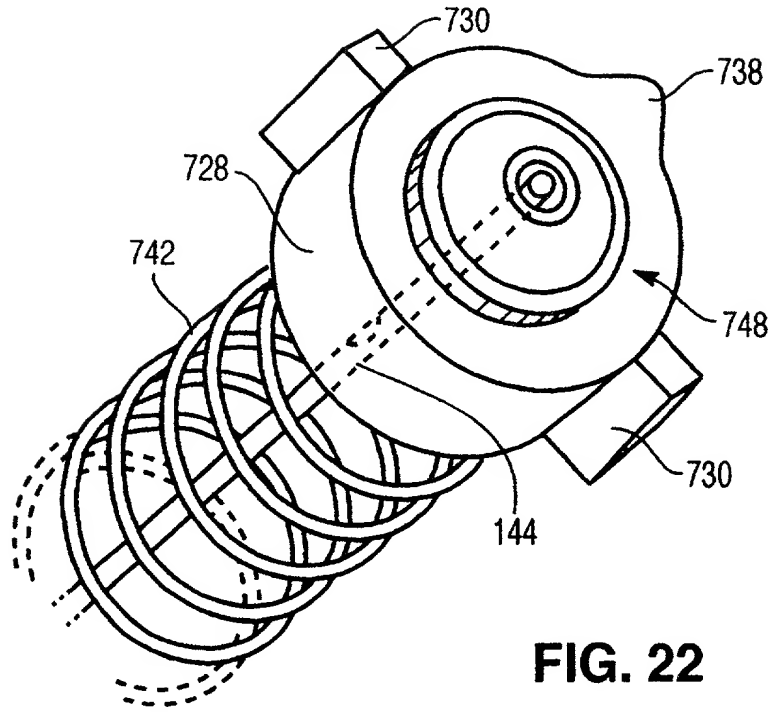
FIG. 19



**FIG. 20B**



**FIG. 20A**



Operating Mode	Pressure Relief Valve	Approximate Air Pressure
System Error	Open	Zero
New Ink System Installed— Air Purge From Ink Tubes	Open $\Delta$ /Closed	1.5 psi
Prime Printheads With Positive Ink Pressure	Open $\Delta$ /Closed	.2 psi
Replace Printhead	Open	Zero
Replace Ink Cartridge	Open	Zero
Normal Printing	Closed	2.5 psi
Overnight Non—use	Open	Zero

**FIG. 23**